

FIG. 1A

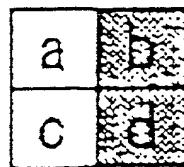


FIG. 1B

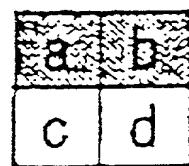


FIG. 1C

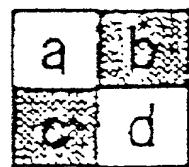


FIG. 1D

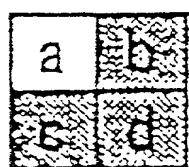


FIG. 1E

FIG. 2A

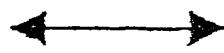


FIG. 2B



FIG. 2C

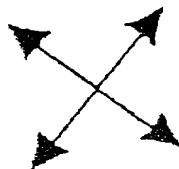


FIG. 3

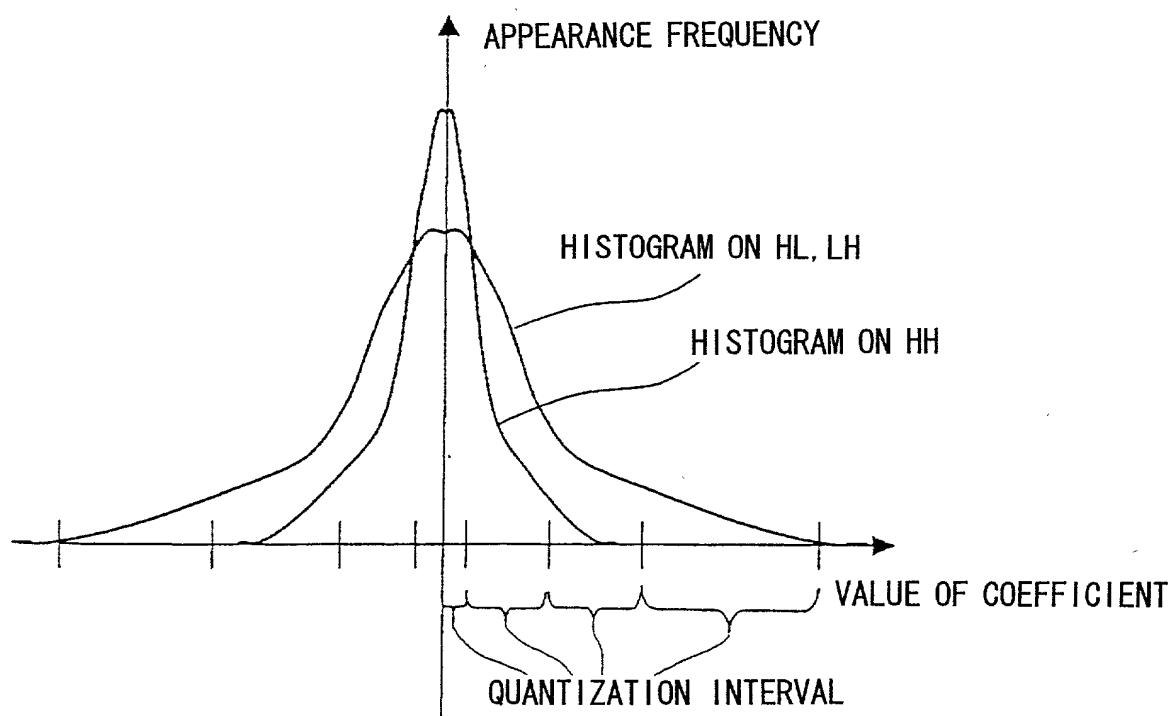


FIG.4

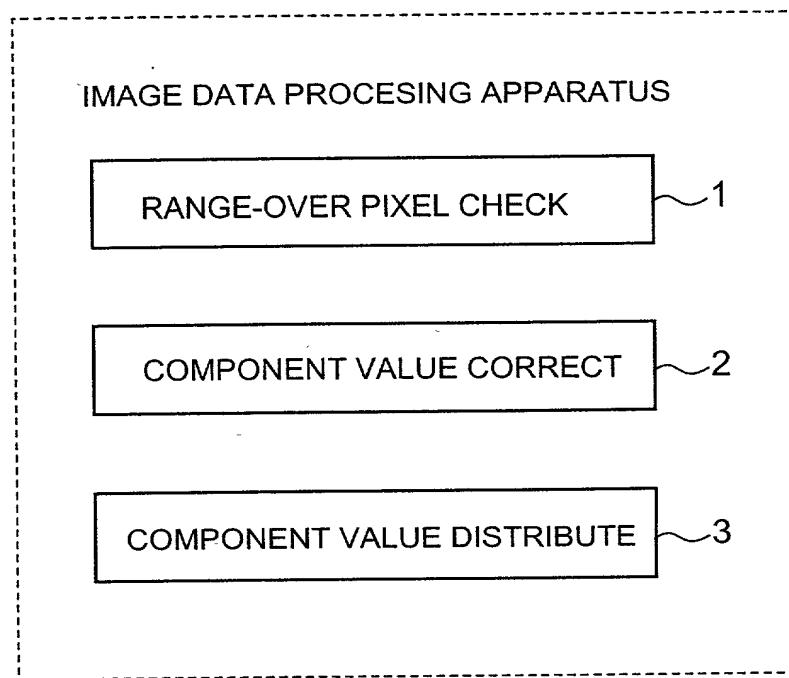


FIG.5A

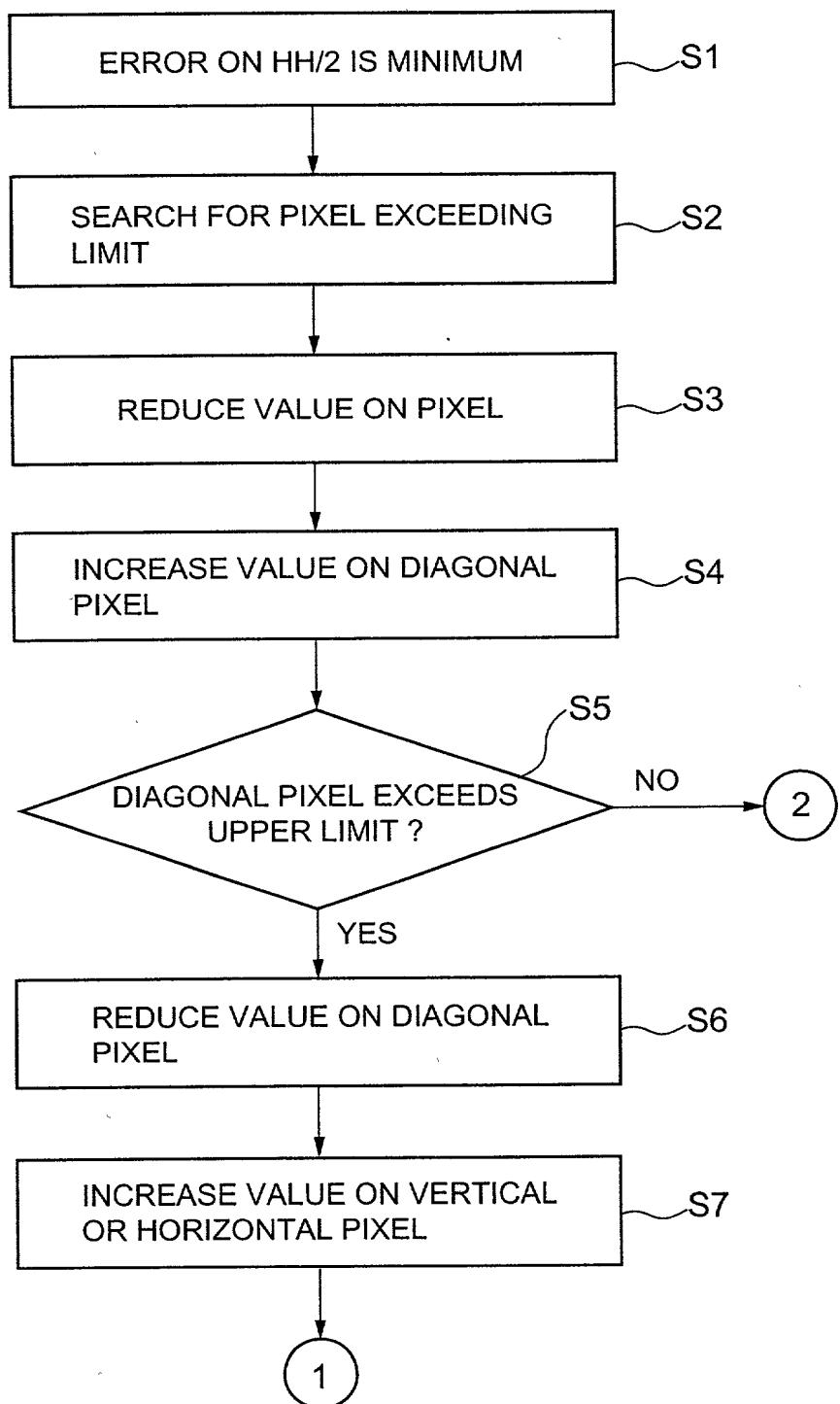


FIG.5B

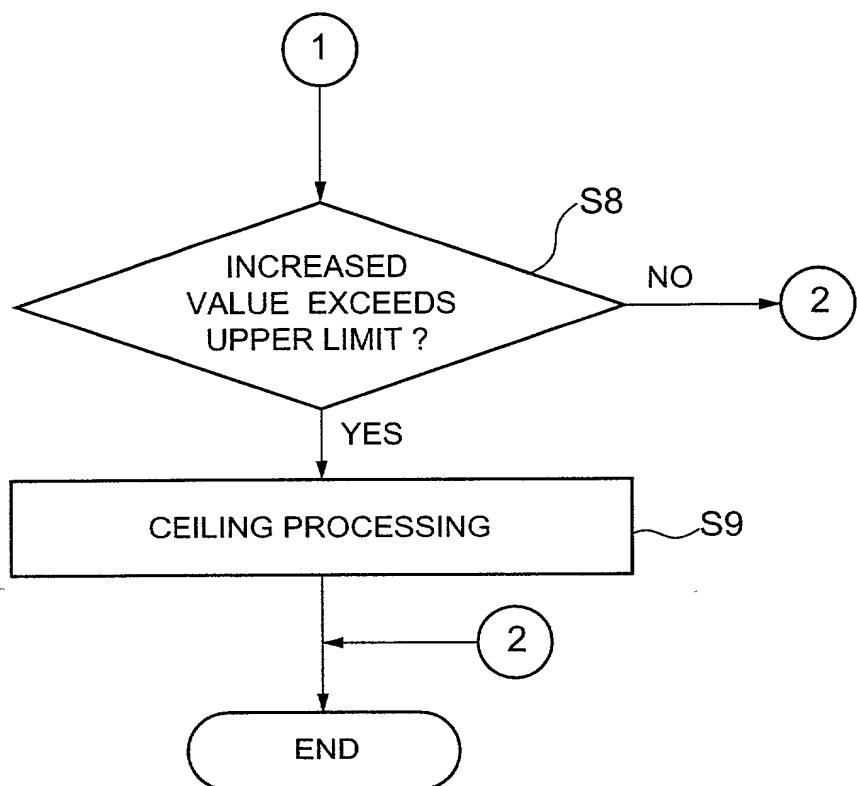


FIG.6A

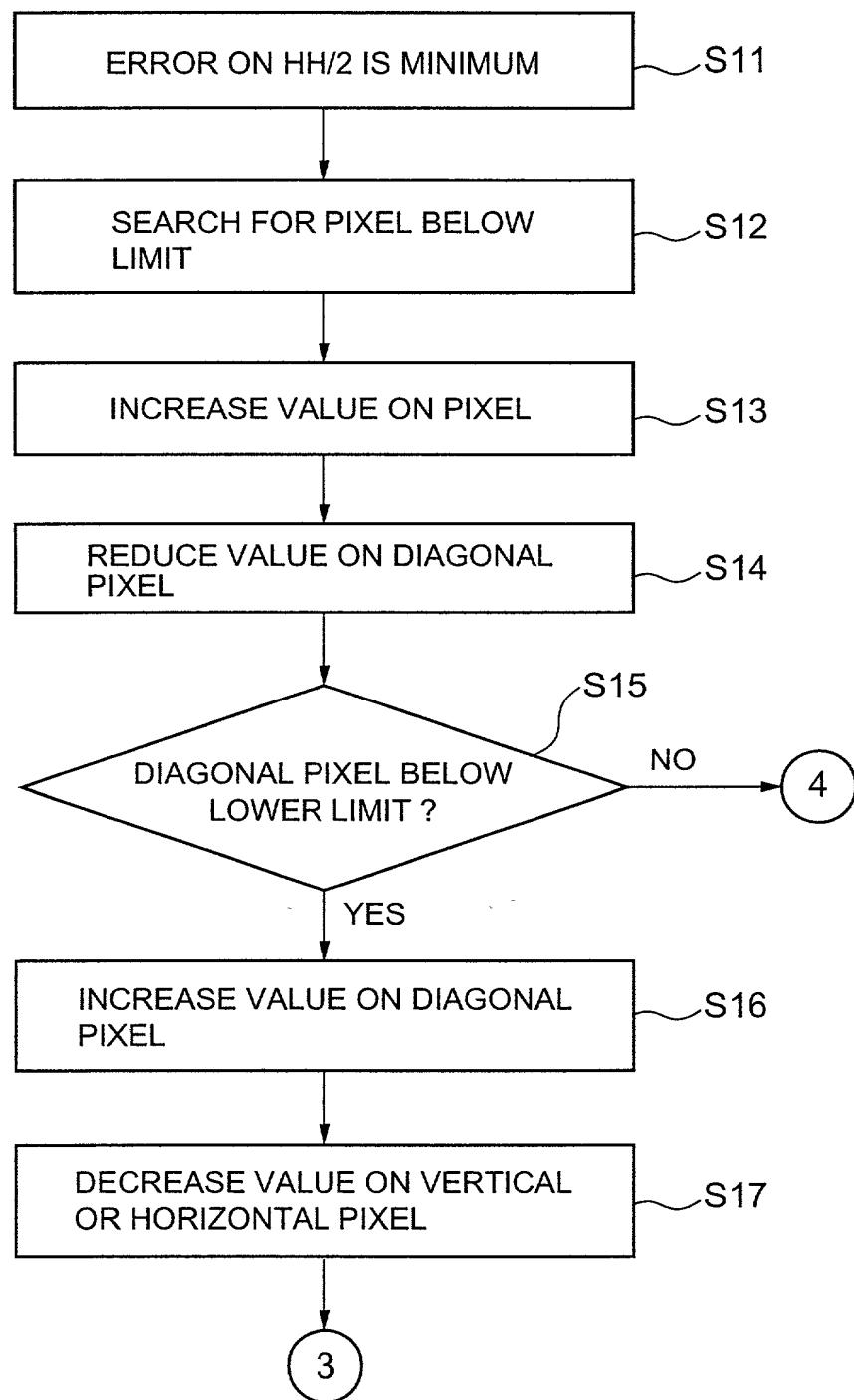


FIG.6B

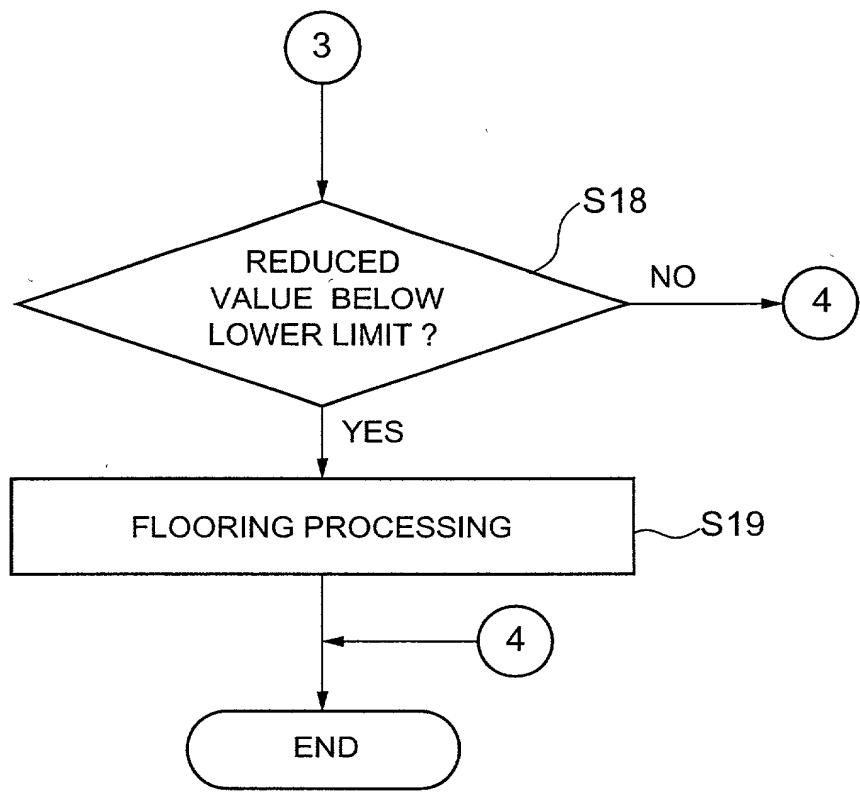


FIG. 7

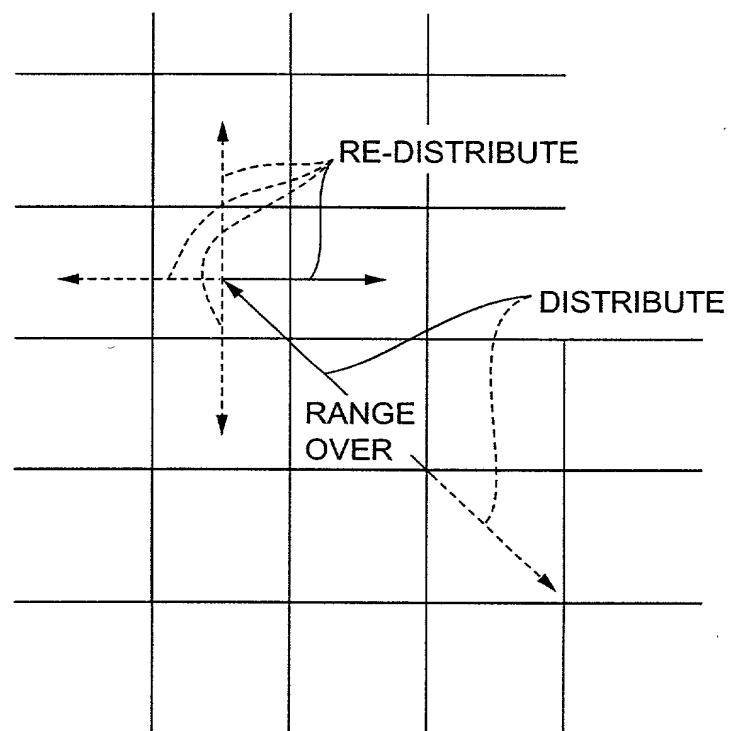


FIG. 8

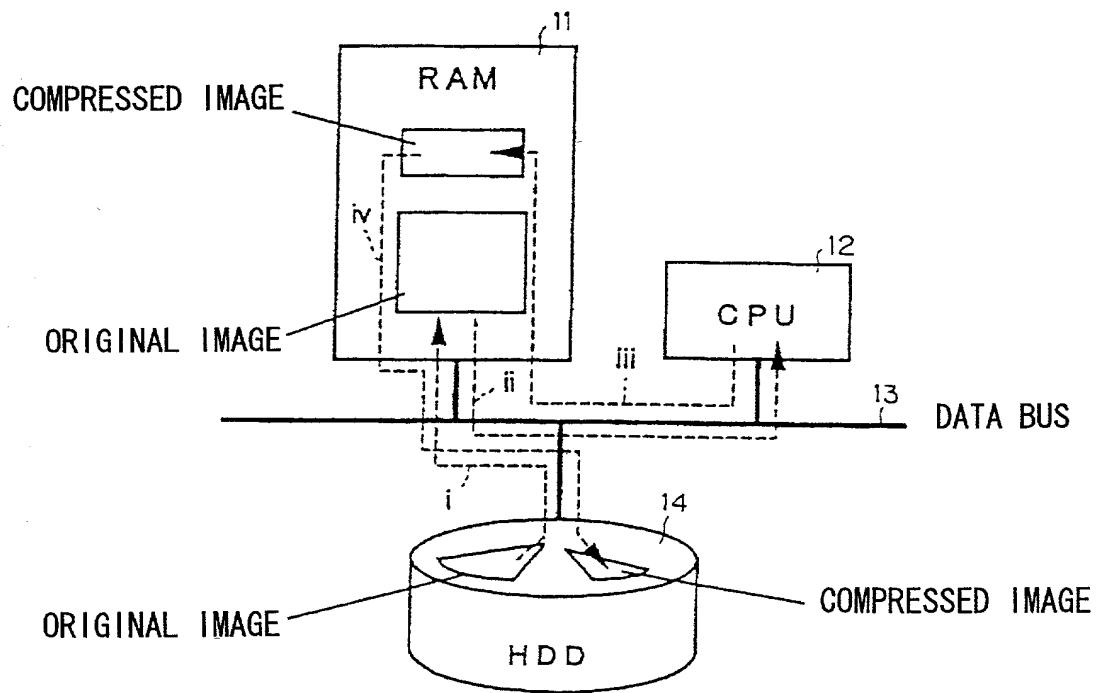


FIG. 9

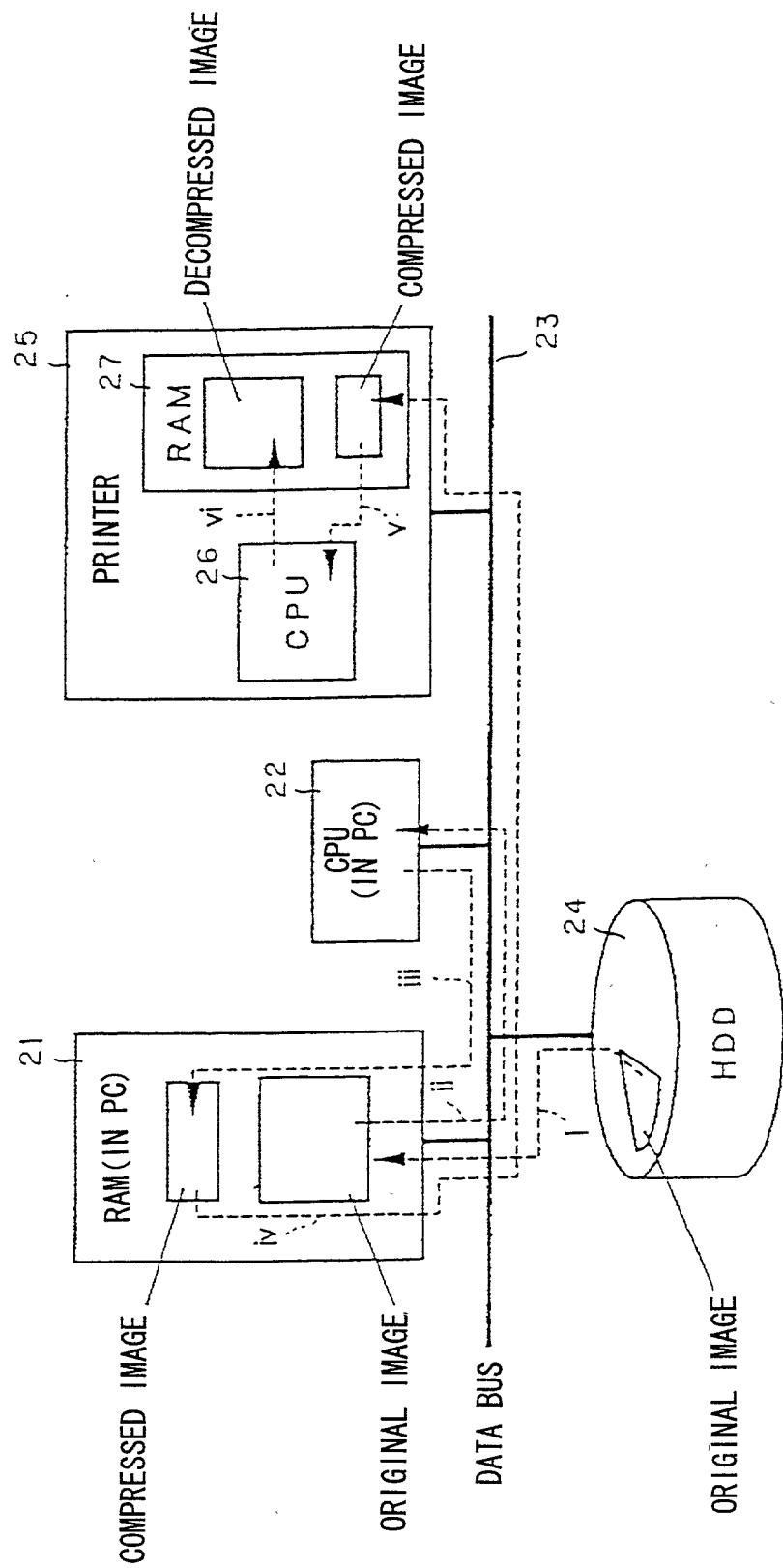


FIG. 10

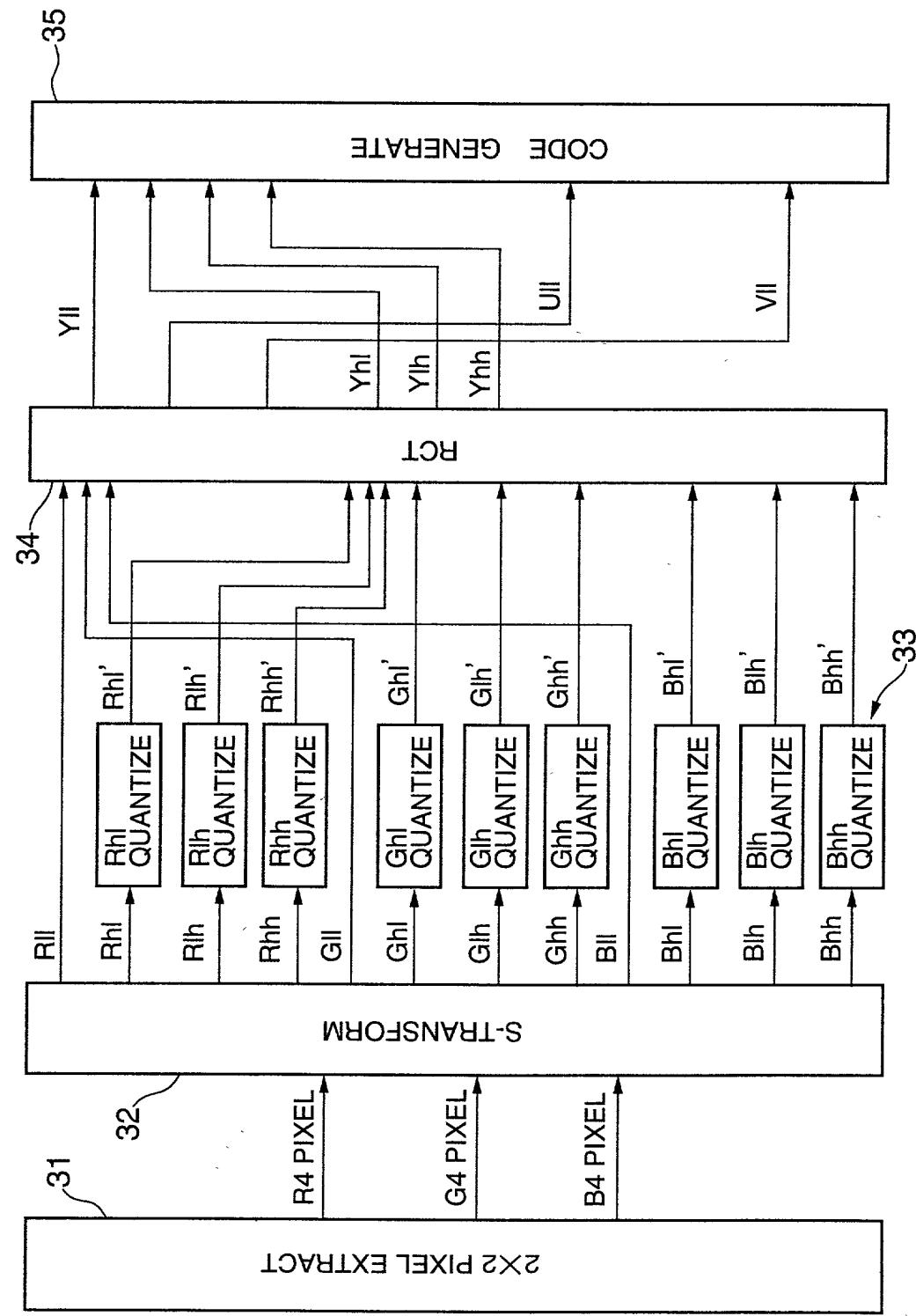


FIG. 11

40

YII 8bit	YII 7bit	YII 7bit	YII 8bit	YII 9bit	YII 9bit
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FIG.12

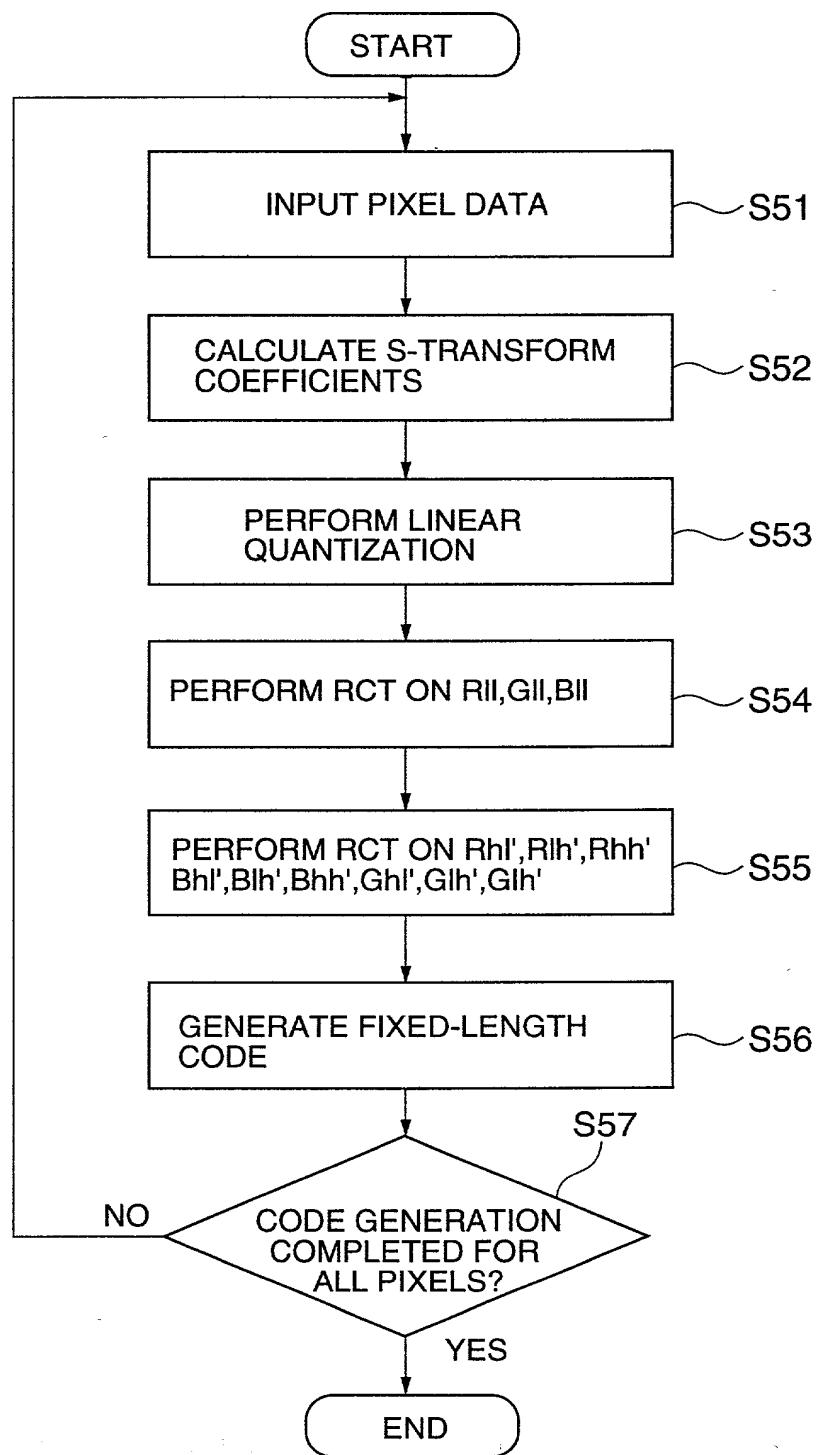


FIG.13

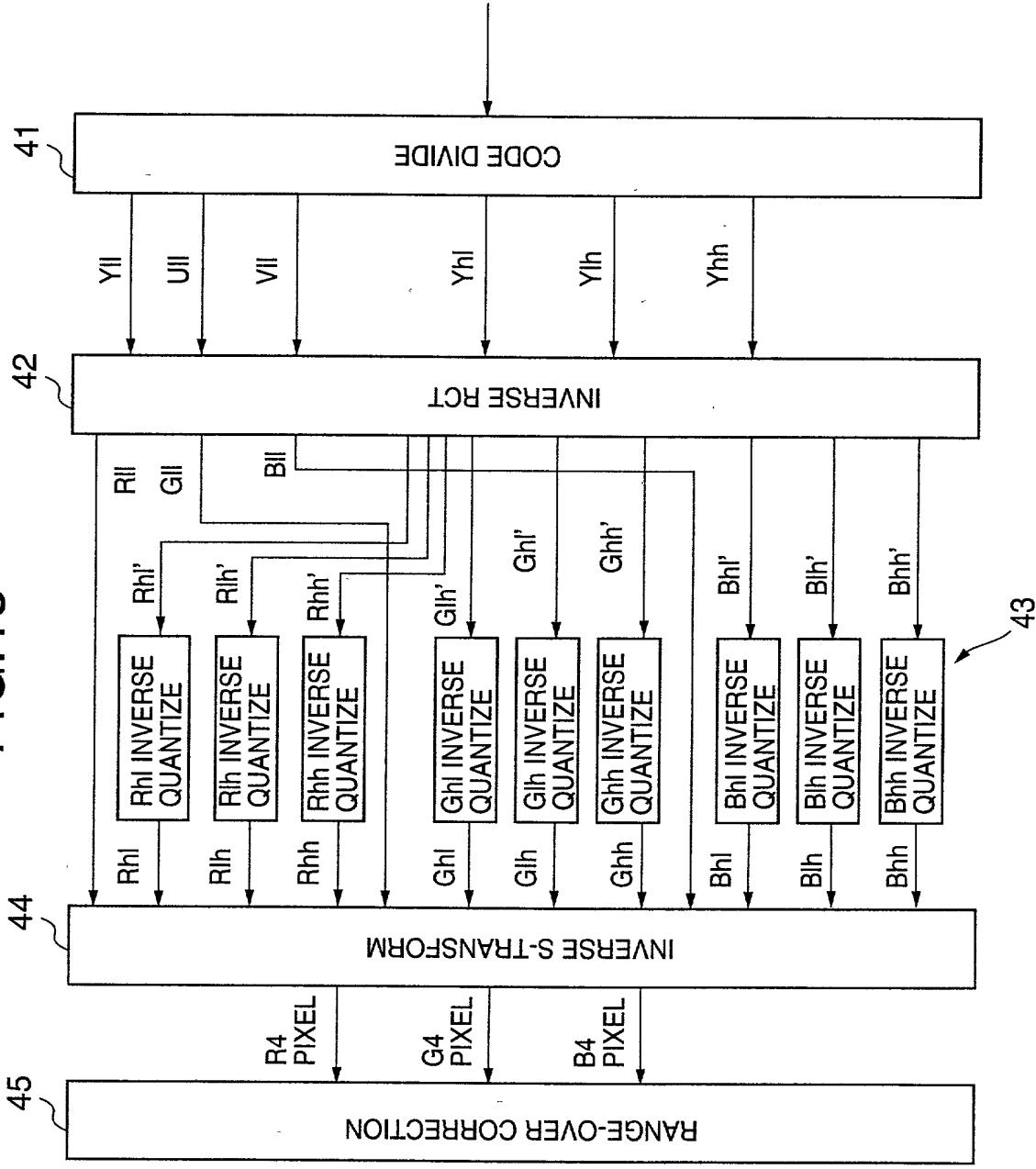


FIG.14

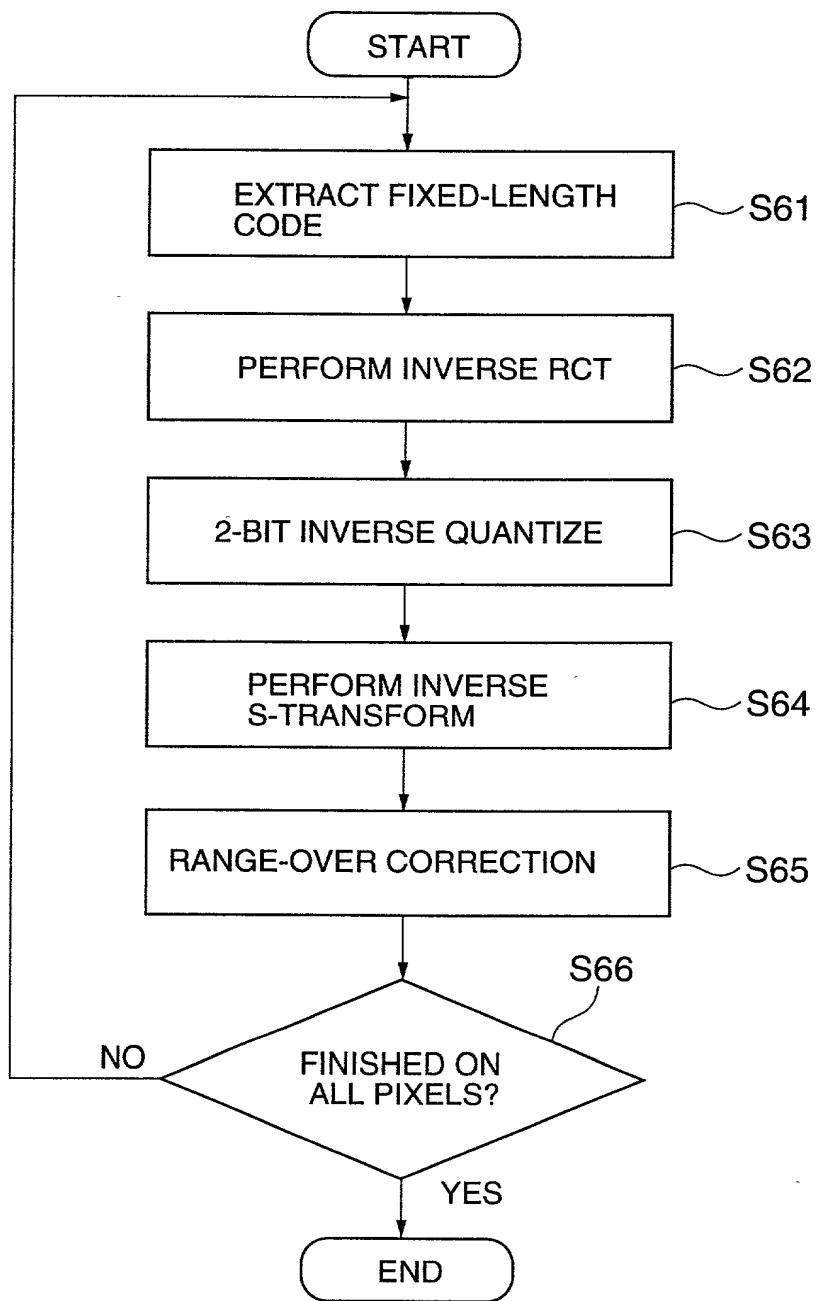


FIG.15

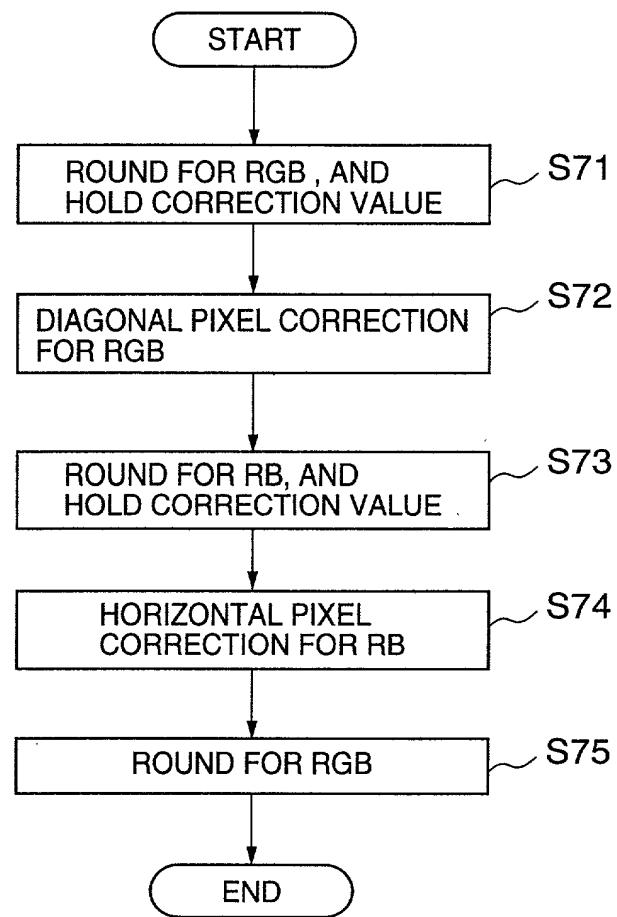


FIG.16

S71,S73

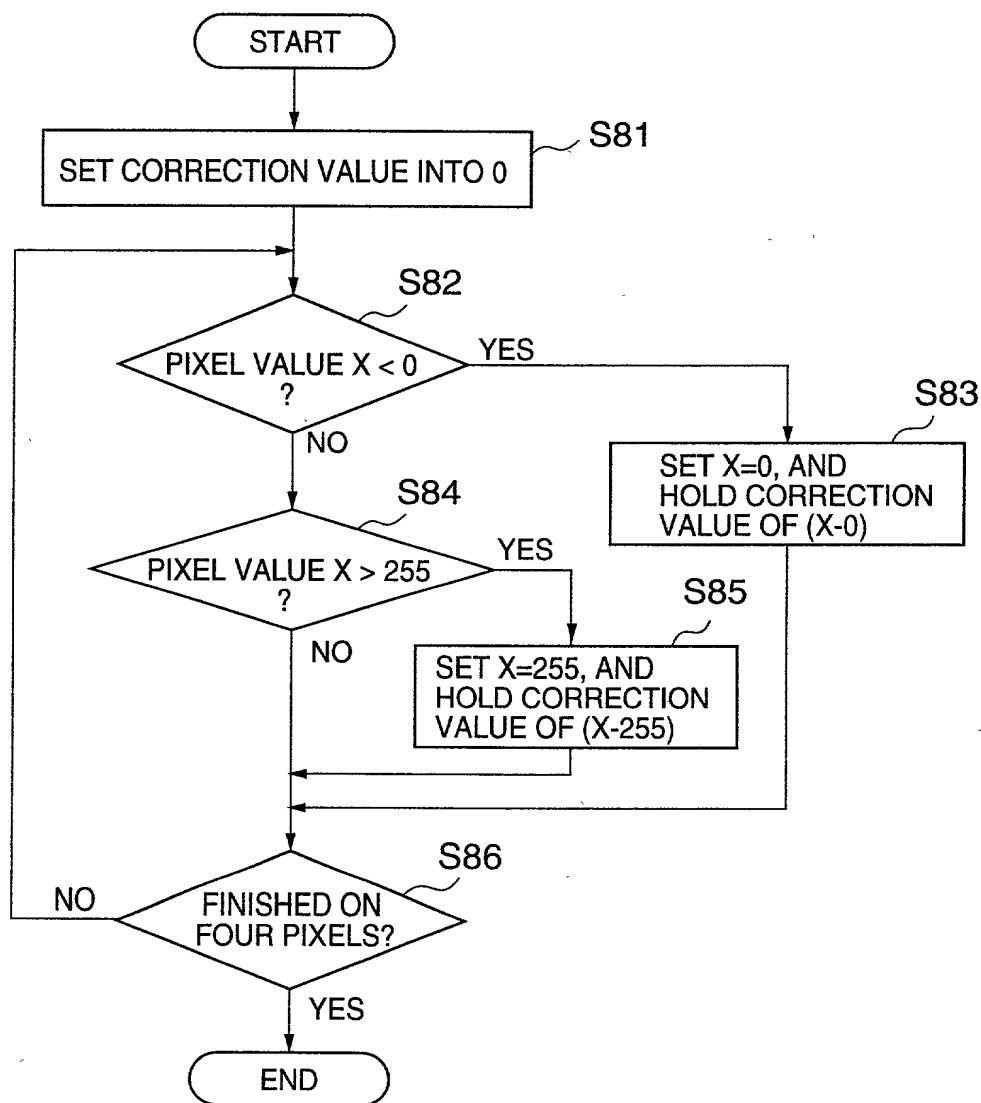


FIG.17

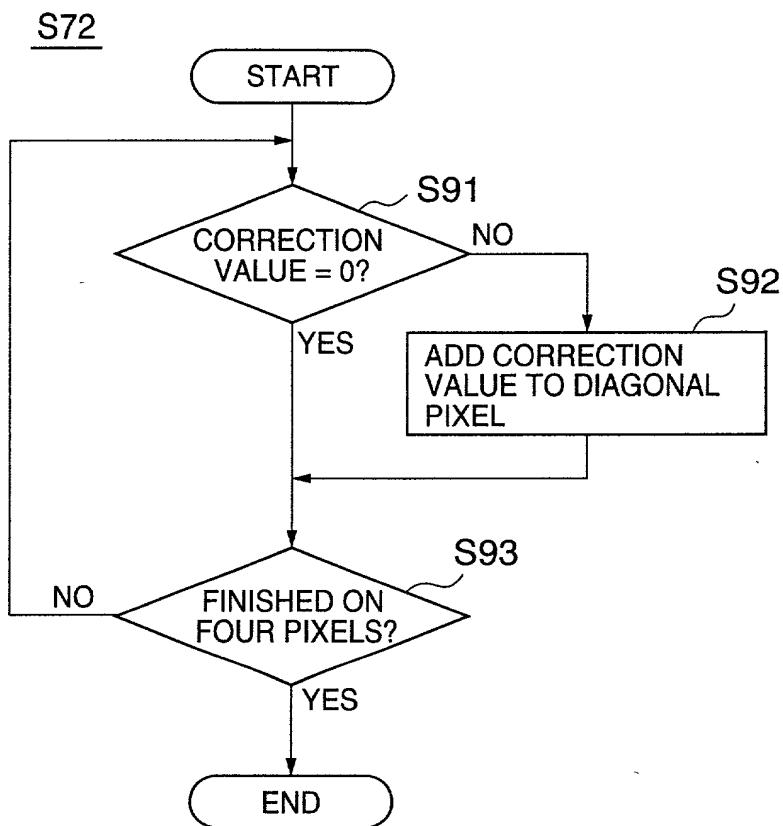
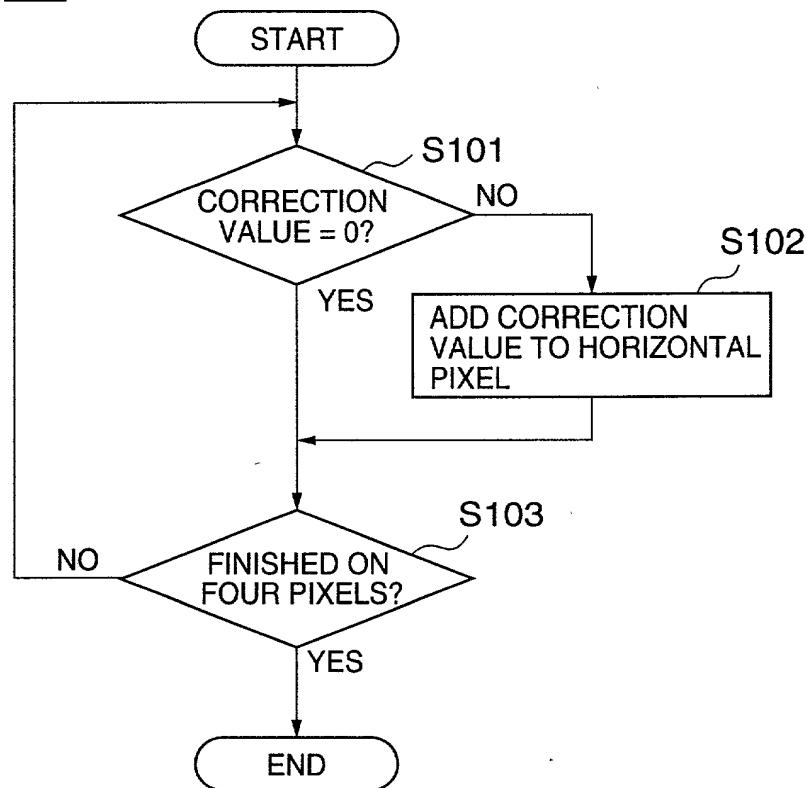


FIG.18

S74



40082306 632602

FIG.19

S75

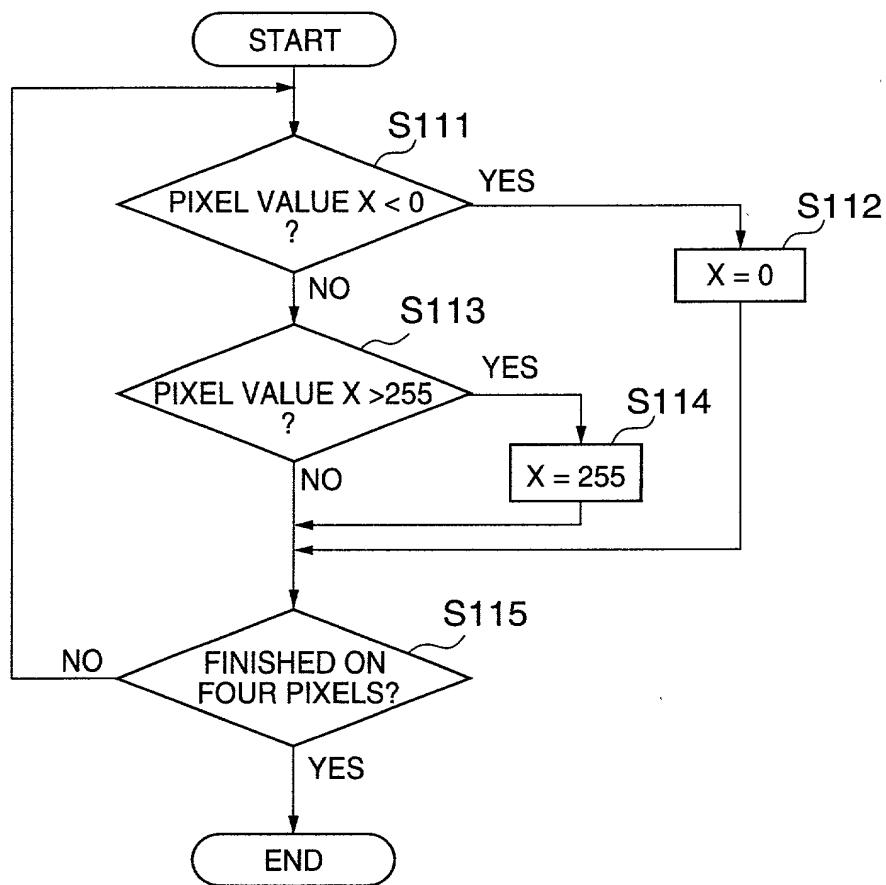


FIG.20

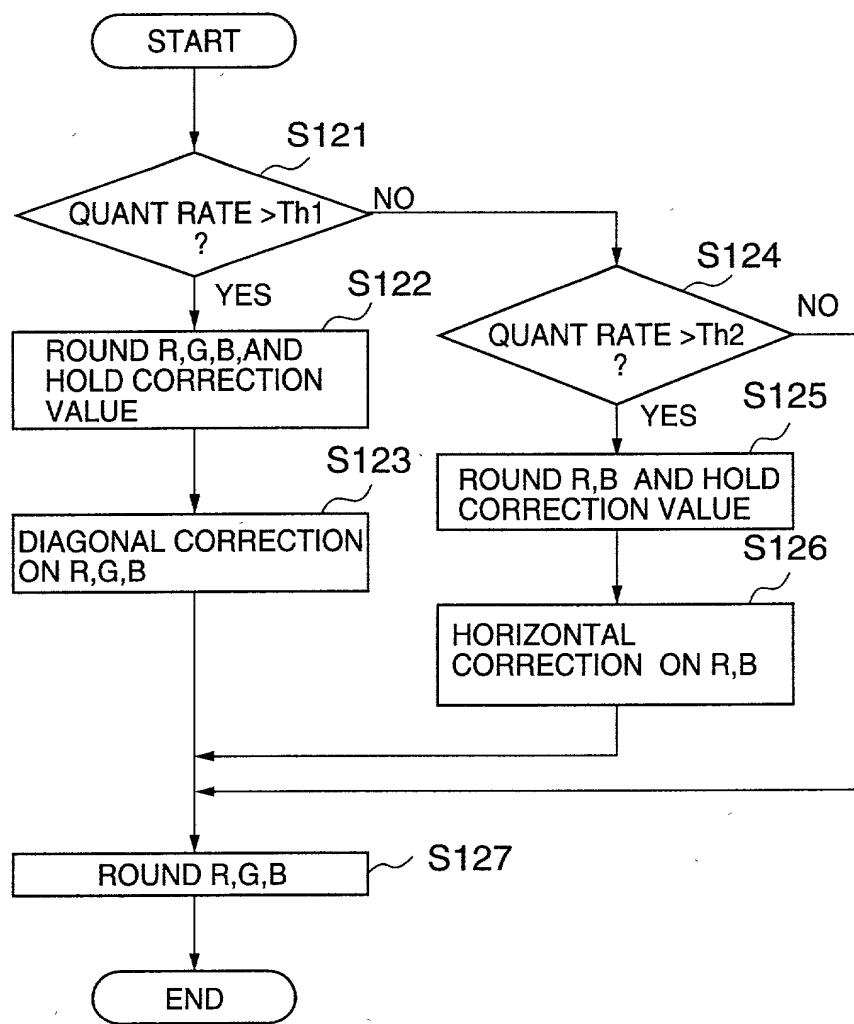


FIG. 21

50

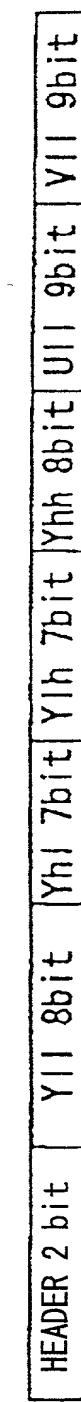


FIG.22

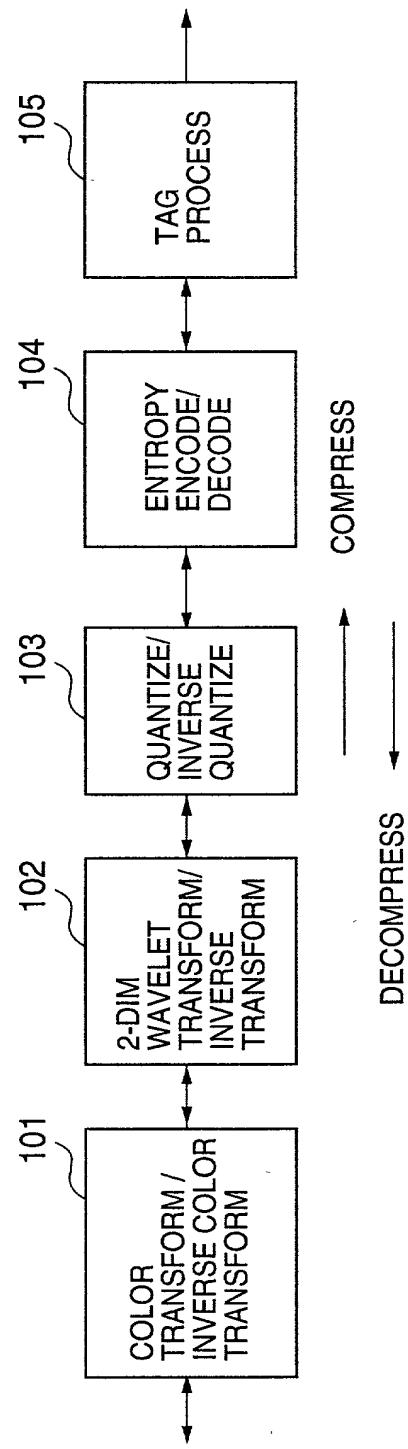


FIG. 23

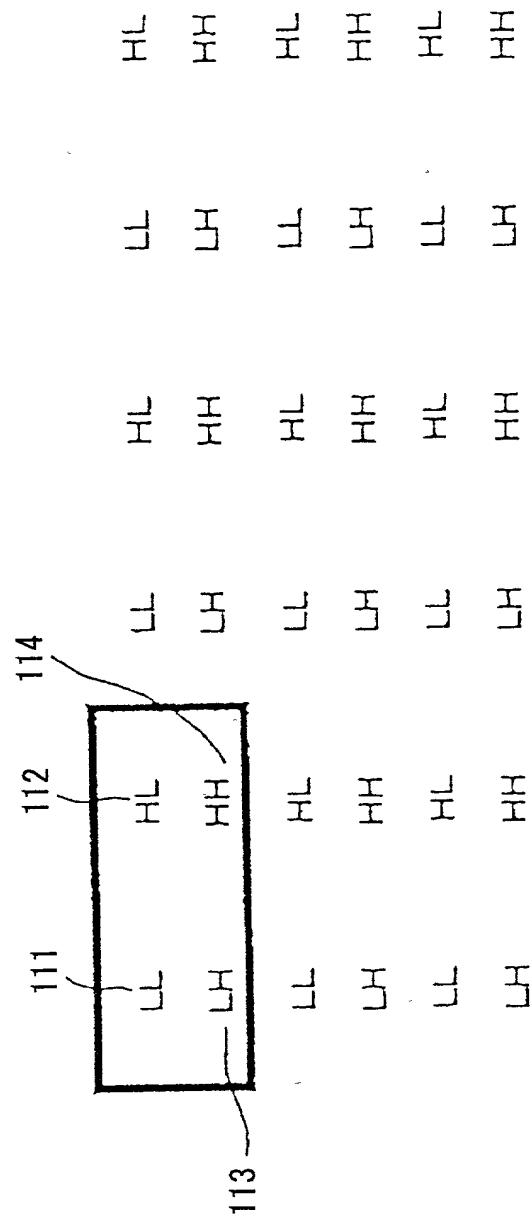


FIG. 24A

121

0.0625	-0.25	0.0625
-0.25		-0.25
0.0625	-0.25	0.0625

FIG. 24B

HH	LH	HH
HL		HL
HH	LH	HH

122

FIG. 25A

123

0.03125	-0.125	-0.18750		-0.125	0.03125
-0.125	0.5	0.75		0.5	-0.125
0.03125	-0.125	-0.18750		-0.125	0.03125

FIG. 25B

HH	LH	HH	LH	HH
HL	LL	HL	LL	HL
HH	LH	HH	LH	HH

124

FIG. 26A

0.03125	-0.125	0.03125
-0.125	0.5	-0.125
-0.1875	0.75	-0.1875
-0.125	0.5	-0.125
0.03125	-0.125	0.03125

125

FIG. 26B

HH	LH	HH
HL	LL	HL
HH	LH	HH
HL	LL	HL
HH	LH	HH

126

FIG. 27A

0.015625	-0.0625	-0.09375	-0.0625	0.015625
-0.06250	0.25	0.375	0.25	-0.06250
-0.09375	0.375	0.5625	0.375	-0.09375
-0.06250	0.25	0.375	0.25	-0.06250
0.015625	-0.0625	-0.09375	-0.0625	0.015625

127

FIG. 27B

HH	LH	HH	LH	HH
HL	LL	HL	LL	HL
HH	LH	BB	LH	HH
HL	LL	HL	LL	HL
HH	LH	HH	LH	HH

128

FIG. 28A

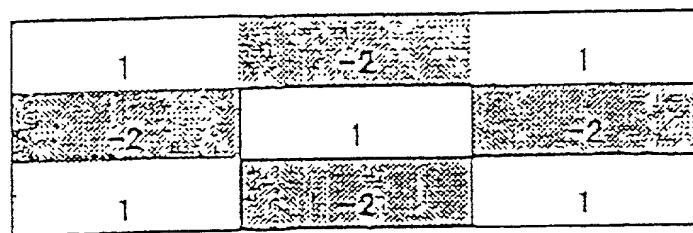


FIG. 28B

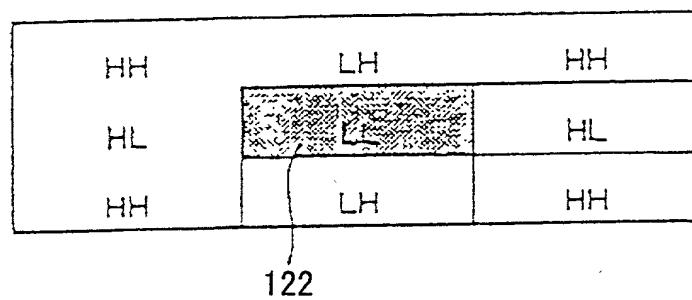


FIG. 29A

0.5	-1	-3	-1	0.5
-1	0.5	0.5	0.5	-1
0.5	-1	-3	-1	0.5

FIG. 29B

HH	LH	HH	LH	HH
HL	LL	HL	LL	HL
HH	LH	HH	LH	HH

FIG. 30A

0.5	-1	0.5
-1	0.5	-1
-3	6	-3
-1	0.5	-1
0.5	-1	0.5

FIG. 30B

HH	LH	HH
HL	LL	HL
HH	LH	HH
HL	LL	HL
HH	LH	HH

FIG. 31A

0.3	-0.5	-1.5	-0.5	0.3
-0.5	0.3	3.0	0.3	-0.5
-1.5	3.0	3.0	3.0	-1.5
-0.5	0.3	3.0	0.3	-0.5
0.3	-0.5	-1.5	-0.5	0.3

FIG. 31B

HH	LH	HH	LH	HH
HL	LL	HL	LL	HL
HH	LH	HH	LH	HH
HL	LL	HL	LL	HL
HH	LH	HH	LH	HH

FIG.32

RANGE-OVER PIXEL	PIXEL TO BEAR RANGE- OVER
LL POSITION	HL OR LH POSITION
HL POSITION	LL ,AND THEN,LH POSITION
LH POSITION	LL ,AND THEN,HL POSITION
HH POSITION	HL OR LH POSITION

FIG.33

	LL POSITION	HL POSITION	LH POSITION	HH POSITION
CONTRIBUTION TO LL POSITION	1.00	-0.25	-0.25	0.06
CONTRIBUTION TO HL POSITION	0.50	0.75	-0.13	-0.19
CONTRIBUTION TO LH POSITION	0.50	-0.13	0.75	-0.19
CONTRIBUTION TO HH POSITION	0.25	0.38	0.38	0.56

FIG. 34

131						
0.0003	-0.0010	-0.0045	0.0188	-0.0045	-0.0010	0.0003
-0.0010	0.0033	0.0154	-0.0642	0.0154	0.0033	-0.0010
-0.0045	0.0154	0.0712	-0.2976	0.0712	0.0154	-0.0045
0.0188	-0.0642	-0.2976	2414	-0.2976	-0.0642	0.0188
-0.0045	0.0154	0.0712	-0.2976	0.0712	0.0154	-0.0045
-0.0010	0.0033	0.0154	-0.0642	0.0154	0.0033	-0.0010
0.0003	-0.0010	-0.0045	0.0188	-0.0045	-0.0010	0.0003

FIG. 35

132

0.000451	-0.00154	-0.00132	0.009971	0.010168	0.009971	-0.00132	-0.00154	0.000451
-0.00154	0.005252	0.004501	-0.03402	-0.0347	-0.03402	0.004501	0.005252	-0.00154
-0.00714	0.024357	0.020875	-0.15779	-0.16091	-0.15779	0.020875	0.024357	-0.00714
0.029827	-0.10178	-0.08723	0.659319	0.67234	0.659319	-0.08723	-0.10178	0.029827
-0.00714	0.024357	0.020875	-0.15779	-0.16091	-0.15779	0.020875	0.024357	-0.00714
-0.00154	0.005252	0.004501	-0.03402	-0.0347	-0.03402	0.004501	0.005252	-0.00154
0.000451	-0.00154	-0.00132	0.009971	0.010168	0.009971	-0.00132	-0.00154	0.000451

FIG. 36

0.000451	-0.00154	-0.00714	0.029827	-0.00714	-0.00154	0.000451
-0.00154	0.005252	0.024357	-0.10178	0.024357	0.005252	-0.00154
-0.00132	0.004501	0.020875	-0.08723	0.020875	0.004501	-0.00132
0.009971	-0.03402	-0.15779	0.659319	-0.15779	-0.03402	0.009971
0.010168	-0.0347	-0.16091	0.61234	-0.16091	-0.0347	0.010168
0.009971	-0.03402	-0.15779	0.659319	-0.15779	-0.03402	0.009971
-0.00132	0.004501	0.020875	-0.08723	0.020875	0.004501	-0.00132
-0.00154	0.005252	0.024357	-0.10178	0.024357	0.005252	-0.00154
0.000451	-0.00154	-0.00714	0.029827	-0.00714	-0.00154	0.000451

FIG. 37

0.000715	-0.00244	-0.00209	0.015816	0.016128	0.015816	-0.00209	-0.00244	0.000715
-0.00244	0.008331	0.00714	-0.05397	-0.05503	-0.05397	0.00714	0.008331	-0.00244
-0.00209	0.00714	0.006119	-0.04625	-0.04716	-0.04625	0.006119	0.00714	-0.00209
0.015816	-0.05397	-0.04625	0.349602	0.356507	0.349602	-0.04625	-0.05397	0.015816
0.016128	-0.05503	-0.0472	0.356507	0.360548	0.356507	-0.0472	-0.05503	0.016128
0.015816	-0.05397	-0.04625	0.349602	0.356507	0.349602	-0.04625	-0.05397	0.015816
-0.00209	0.00714	0.006119	-0.04625	-0.04716	-0.04625	0.006119	0.00714	-0.00209
-0.00244	0.008331	0.00714	-0.05397	-0.05503	-0.05397	0.00714	0.008331	-0.00244
0.000715	-0.00244	-0.00209	0.016816	0.016128	0.015816	-0.00209	-0.00244	0.000715

FIG.38

	LL POSITION	HL POSITION	LH POSITION	HH POSITION
CONTRIBUTION TO LL POSITION	1.24	-2.38	-2.38	1.14
CONTRIBUTION TO HL POSITION	0.66	5.38	-1.26	-2.57
CONTRIBUTION TO LH POSITION	0.66	-1.26	5.38	-2.57
CONTRIBUTION TO HH POSITION	0.35	2.85	2.85	5.82

FIG.39

	LL POSITION	HL POSITION	LH POSITION	HH POSITION
CONTRIBUTION TO LL POSITION	1.24	-0.30	-0.30	0.07
CONTRIBUTION TO HL POSITION	0.66	0.67	-0.15	-0.16
CONTRIBUTION TO LH POSITION	0.66	-0.16	0.67	-2.57
CONTRIBUTION TO HH POSITION	0.35	0.36	0.36	0.36

FIG.40

RANGE-OVER PIXEL	PIXEL TO FIRST BEAR RANGE-OVER	PIXEL TO SECOND BEAR RANGE-OVER
LL POSITION	TO HL POSITION(HORIZONTAL)	TO LH POSITION(VERTICAL)
HL POSITION	TO LL POSITION(HORIZONTAL)	TO LH POSITION(DIAGONAL FROM HL)
LH POSITION	TO LL POSITION(VERTICAL)	TO LH POSITION(FOR SIMPLIFICATION)
HH POSITION	TO LH POSITION(HORIZONTAL)	TO LH POSITION(VERTICAL)

FIG. 41A

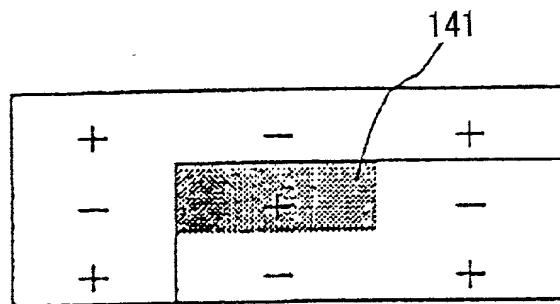


FIG. 41B

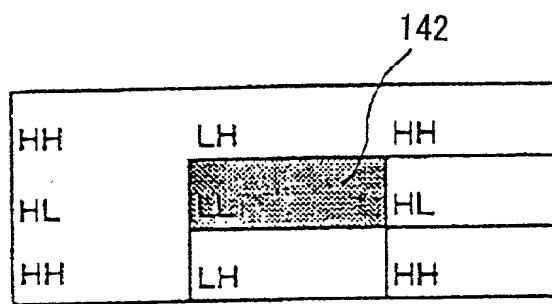


FIG. 42A

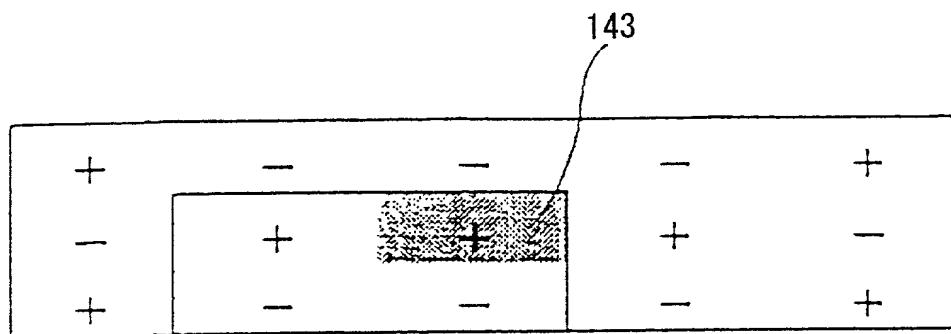


FIG. 42B

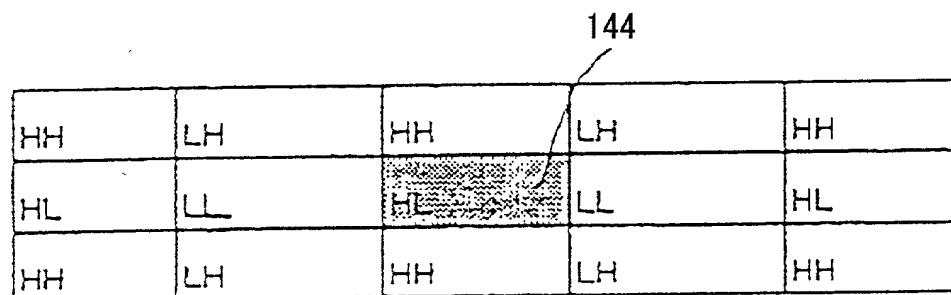


FIG. 43A

145

+	-	+
-	+	-
-	+	-
-	+	-
+	-	+

FIG. 43B

146

HH	LH	HH
HL	LL	HL
HH	LL	HH
HL	LL	HL
HH	LH	HH

FIG. 44A

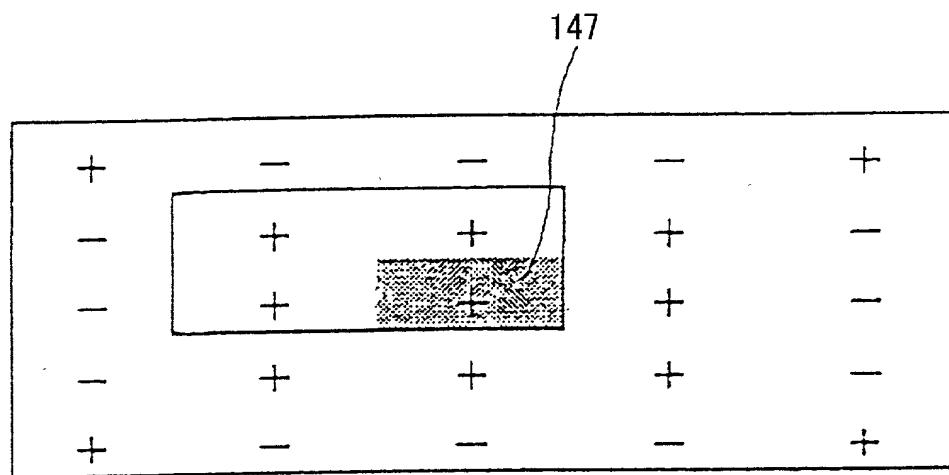


FIG. 44B

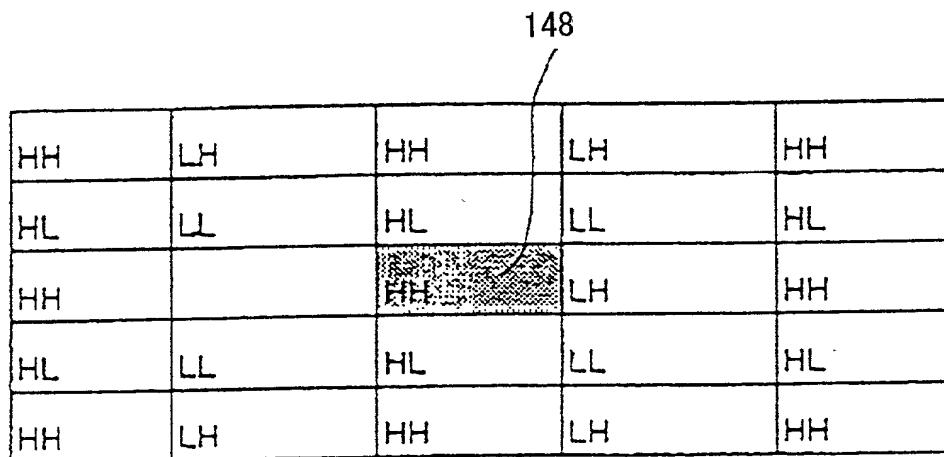


FIG.45

	LL POSITION	HL POSITION	LH POSITION	HH POSITION
CONTRIBUTION TO LL POSITION	+	-	-	+
CONTRIBUTION TO HL POSITION	+	+	-	-
CONTRIBUTION TO LH POSITION	+	-	+	-
CONTRIBUTION TO HH POSITION	+	+	+	+

FIG.46

RANGE-OVER PIXEL	FIRST DISTRIBUTION PLACE	SECOND DISTRIBUTION PLACE
LL POSITION	HH(DIAGONAL)	LH(VERTICAL)
HL POSITION	LH(DIAGONAL)	HH(VERTICAL)
LH POSITION	HL(DIAGONAL)	LL(VERTICAL)
HH POSITION	LL(DIAGONAL)	HL(VERTICAL)

FIG.47

RANGE-OVER PIXEL	FIRST DISTRIBUTION PLACE	SECOND DISTRIBUTION PLACE
LL POSITION	HH(DIAGONAL)	HL(HORIZONTAL)
HL POSITION	LH(DIAGONAL)	LL(HORIZONTAL)
LH POSITION	HL(DIAGONAL)	HH(HORIZONTAL)
HH POSITION	LL(DIAGONAL)	LH(HORIZONTAL)

FIG.48

RANGE-OVER PIXEL	FIRST DISTRIBUTION PLACE	SECOND DISTRIBUTION PLACE
LL POSITION	LH(VERTICAL)	HL(HORIZONTAL)OR HH(DIAGONAL)
HL POSITION	HH(VERTICAL)	LL(HORIZONTAL)OR LH(DIAGONAL)
LH POSITION	LL(VERTICAL)	HH(HORIZONTAL)OR HL(DIAGONAL)
HH POSITION	HL(VERTICAL)	LH(HORIZONTAL)OR LL(DIAGONAL)

FIG.49

RANGE-OVER PIXEL	FIRST DISTRIBUTION PLACE	SECOND DISTRIBUTION PLACE
LL POSITION	HL(HORIZONTAL)	LH(VERTICAL)OR HH(DIAGONAL)
HL POSITION	LL(HORIZONTAL)	HH(VERTICAL)OR LH(DIAGONAL)
LH POSITION	HH(HORIZONTAL)	LL(VERTICAL)OR HL(DIAGONAL)
HH POSITION	LH(HORIZONTAL)	HL(VERTICAL)OR LL(DIAGONAL)

FIG.50

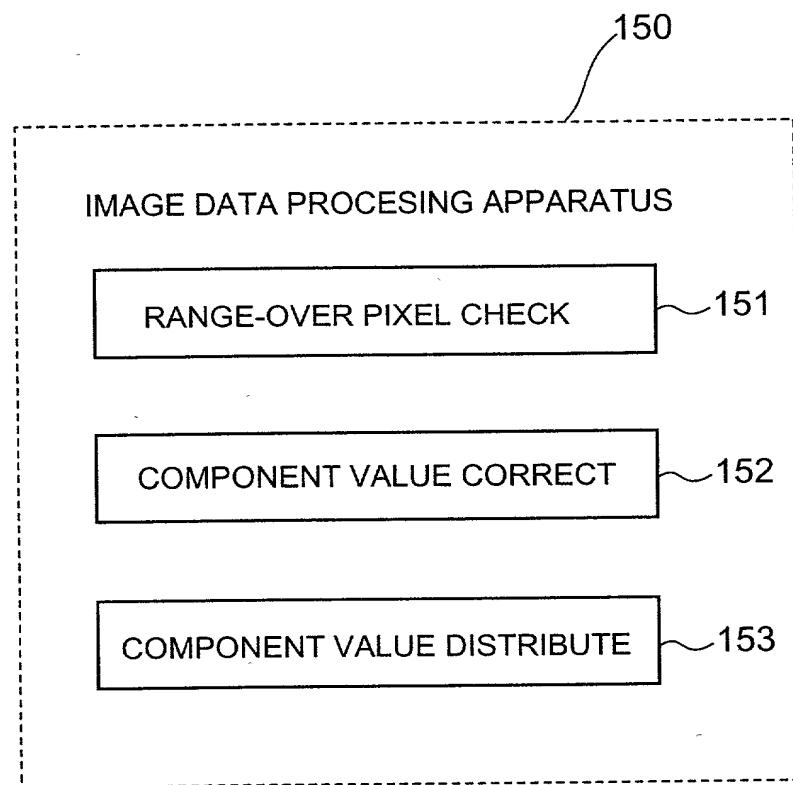


FIG. 51

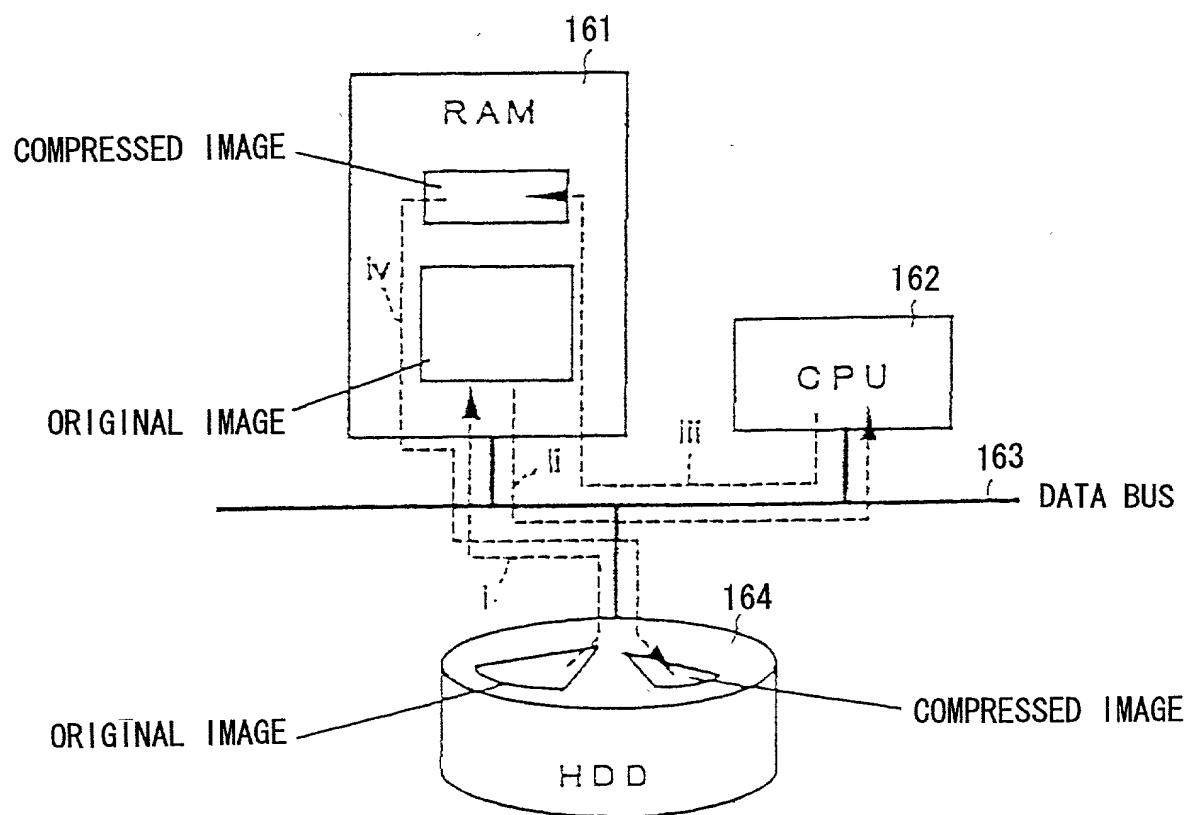


FIG. 52

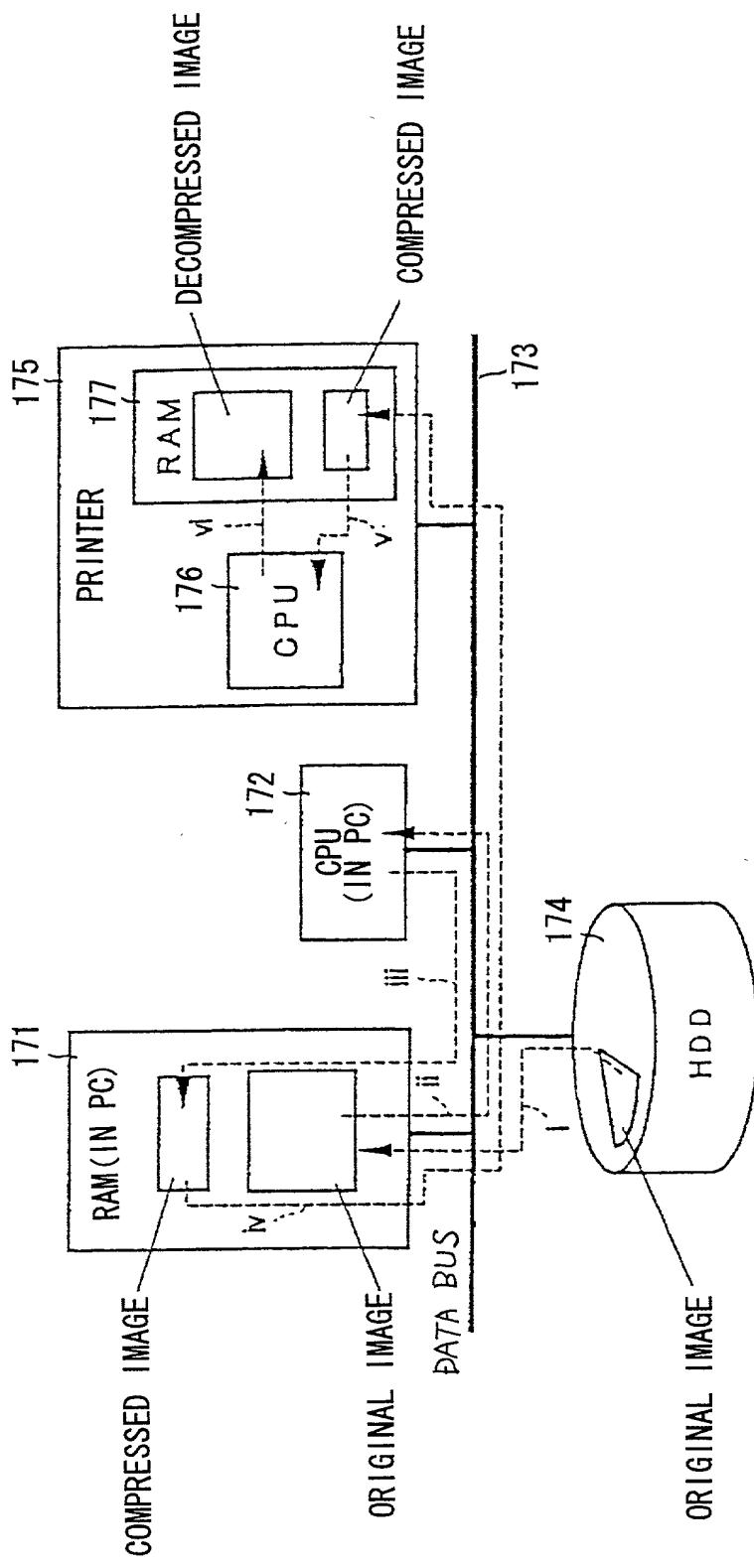


FIG.53

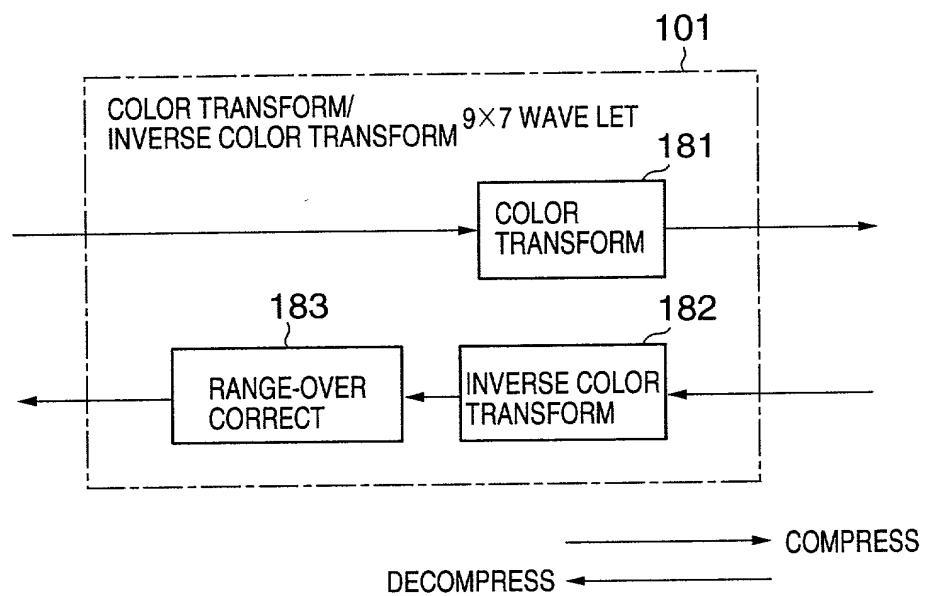


FIG.54

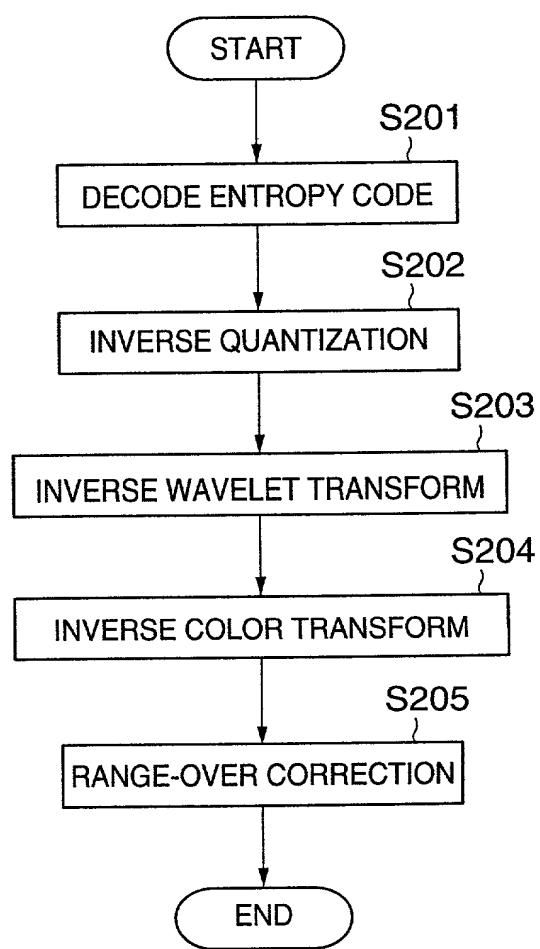


FIG.55

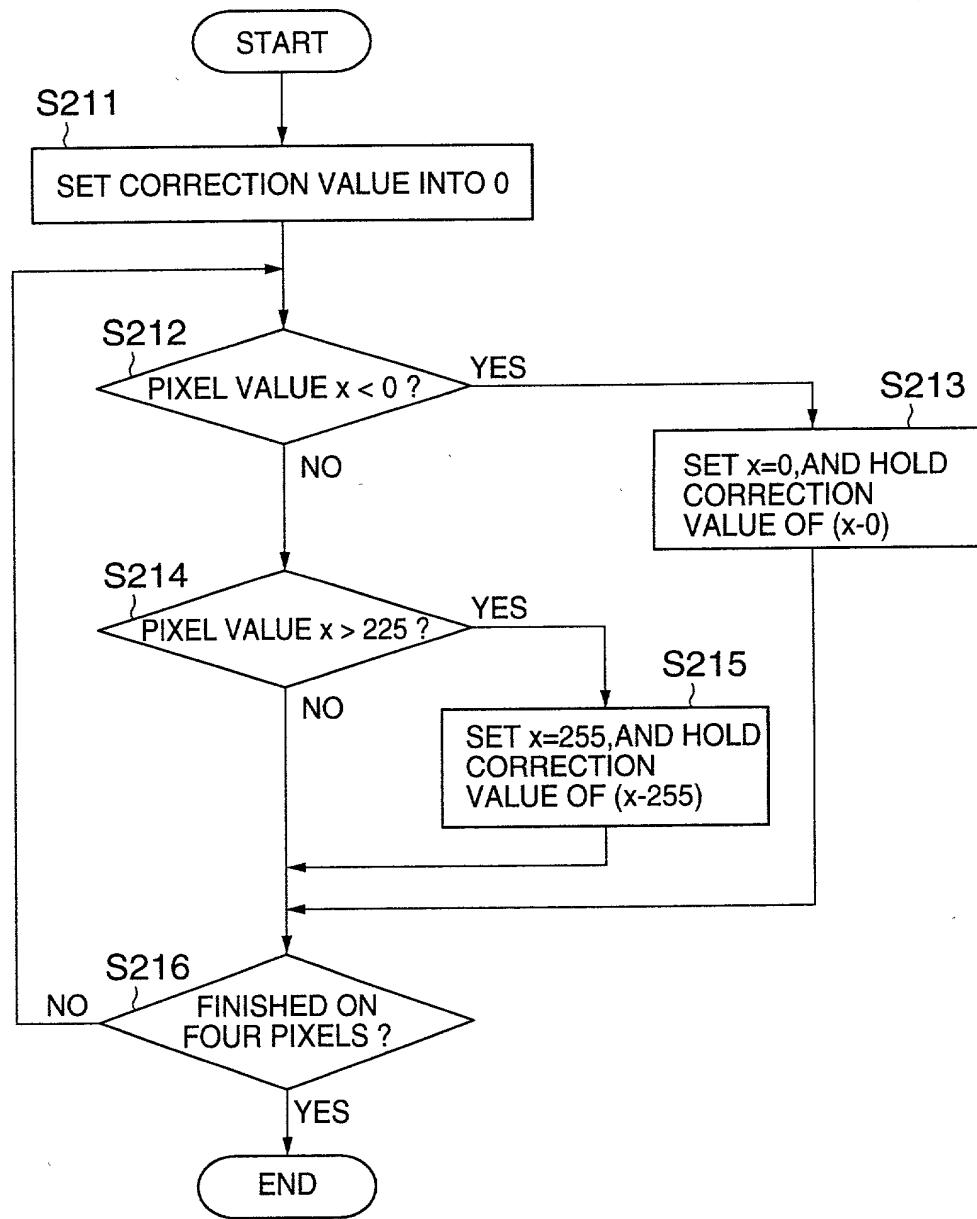


FIG.56

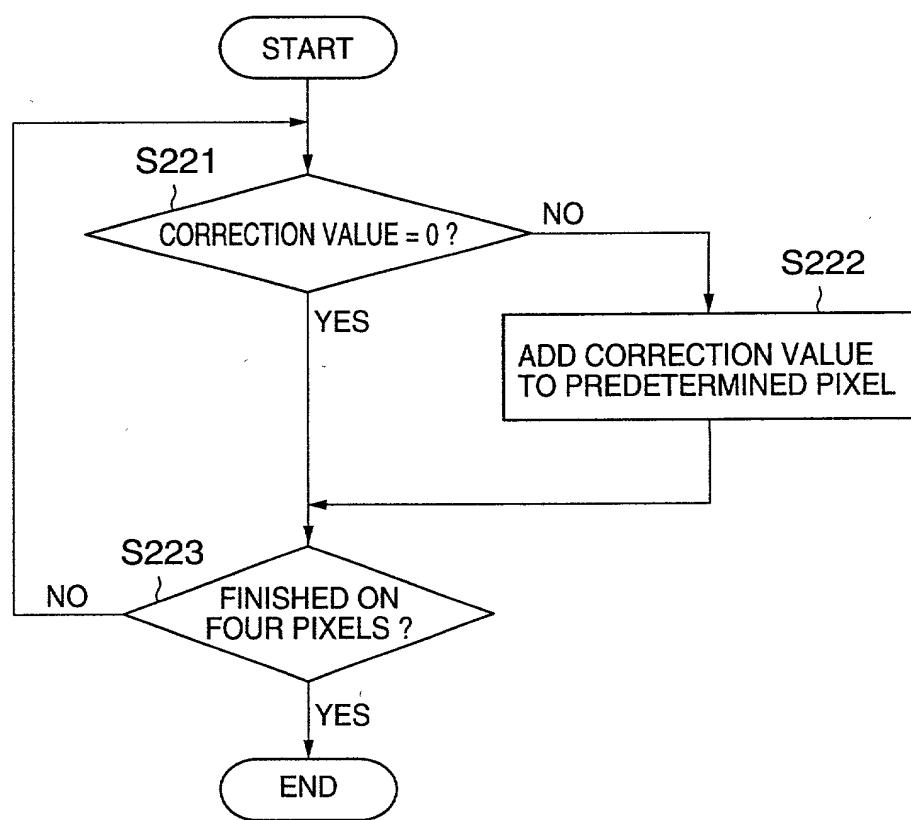


FIG.57

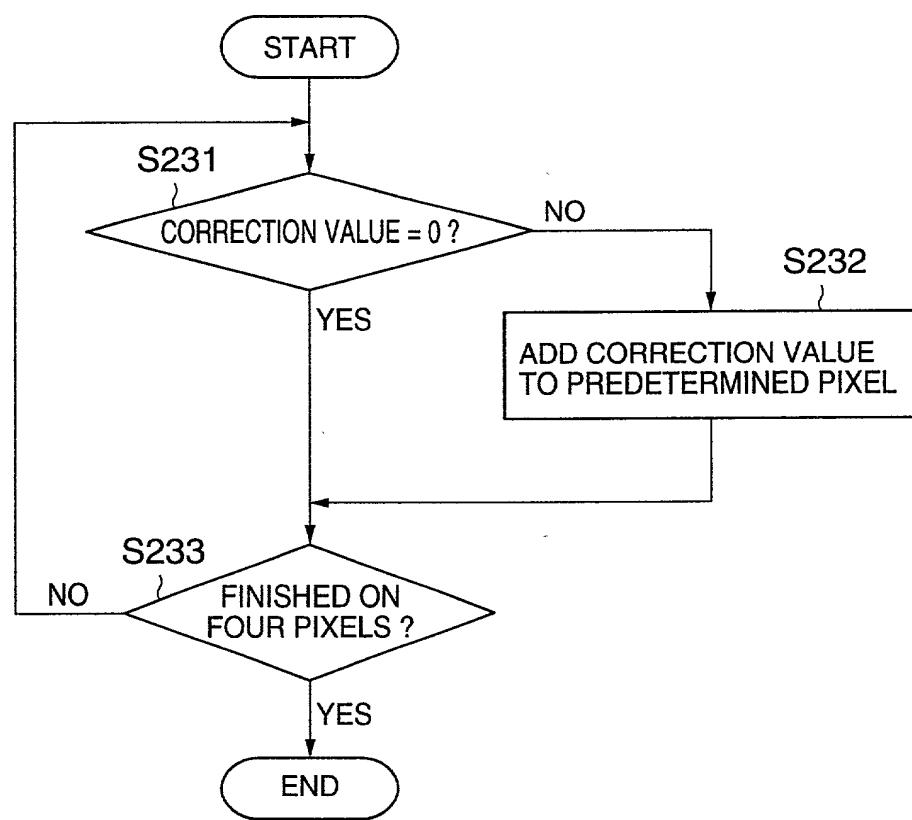


FIG.58

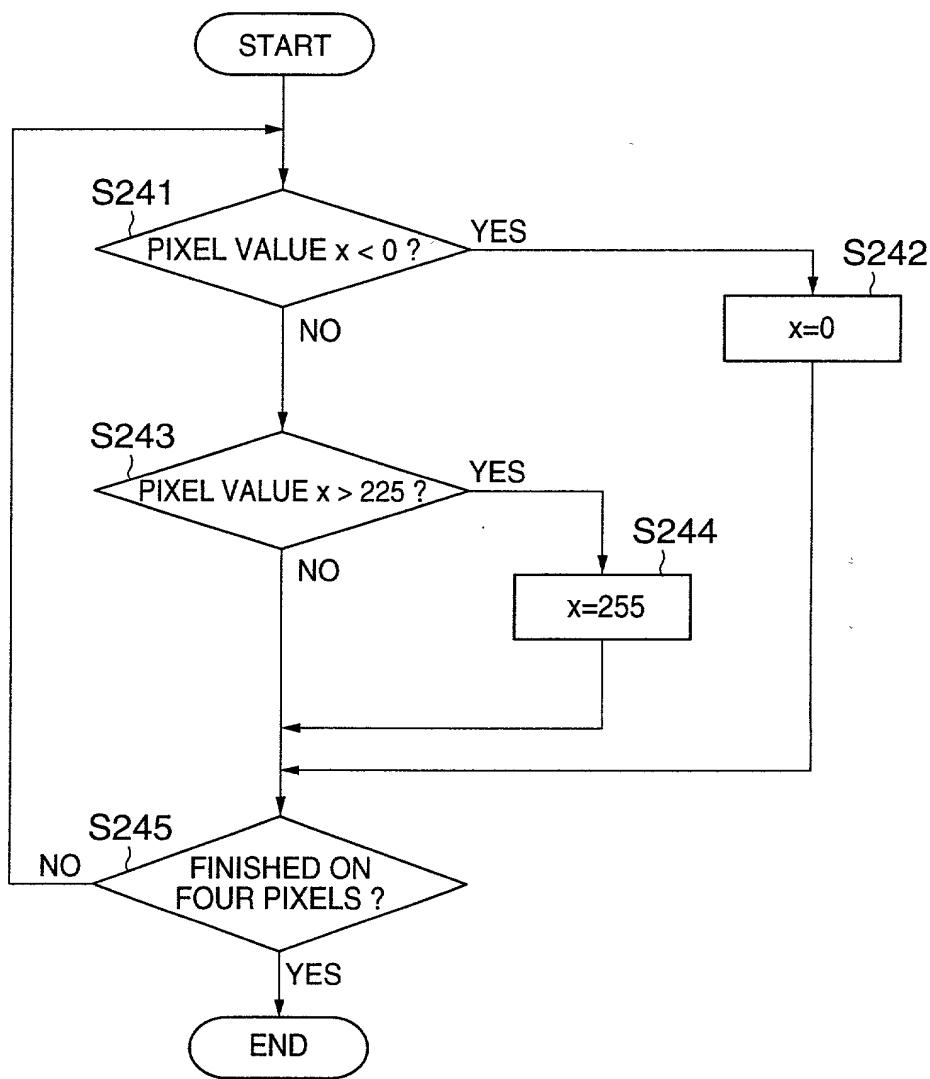


FIG.59

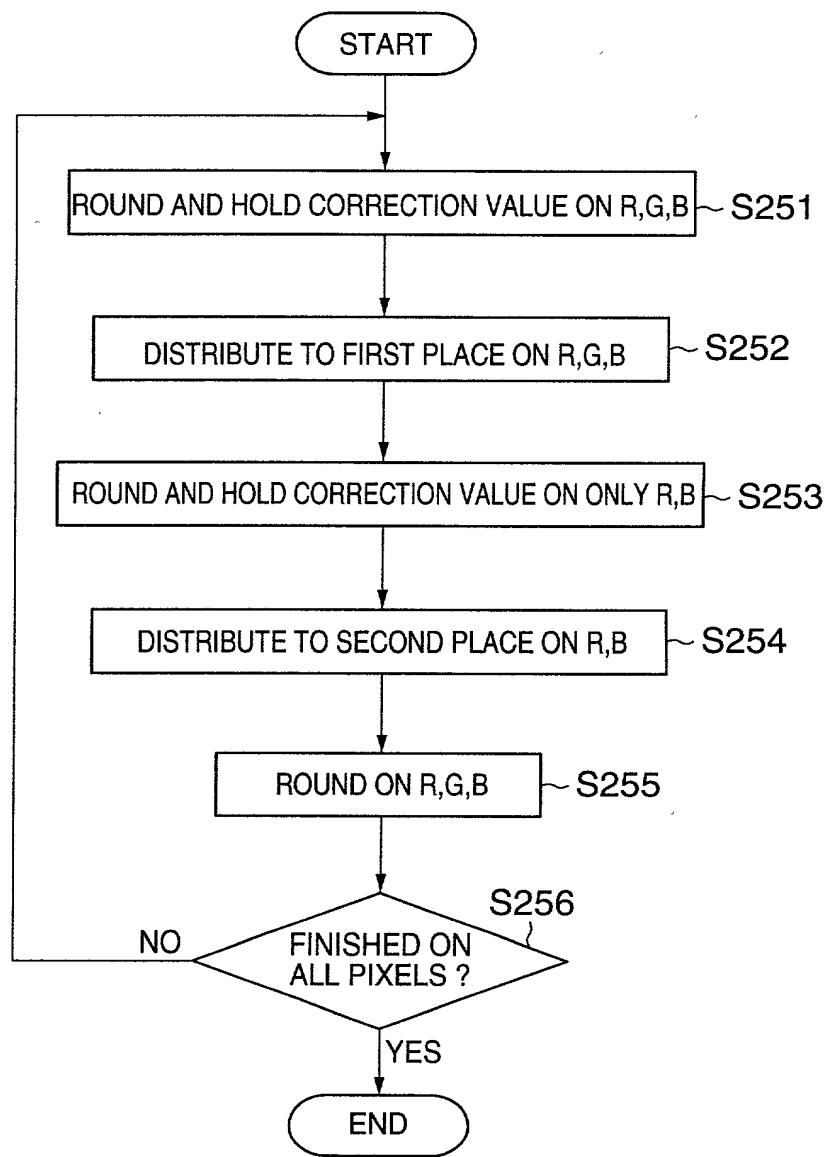


FIG.60

